**Technical specifications for Indoor Wi-Fi ( Wireless) Network system for TUE-MSRC second floor research Lab and Terrace Head room:**

**Essential Technical Specifications: Quantity**

1. **Branded Indoor Wireless Network :**  For Wi-Fi system  **-As per advise-**

to cover the entire second floor of TUE ( approx. 9,500 **Approx 5 Nos**

sq. feet floor area ) and terrace Head room.  **Wi-Fi routers**

Capable to connect to Laptops / Desktops -50 No’s

simultaneously for data communication from websites.

Must cover the terrace head room area. Must cover all

rooms in second floor including the Reception lobby,

Meeting room, Computer Server Room, UPS Room,

All research Lab rooms – 6 No’s, Student sitting area,

Faculty room, Staff Room and Gas Storage room.

1. **Data cable** : In conduit PVC color coded pipes of approx. 300 mts

300 metres. To provide the rate/running metre for

cabling in conduit PVC pipes.

1. **Installation** : Must include all installation of equipment and

Data cable in PVC conduit including all necessary LABOR charges.

1. **Warranty Period** : Full comprehensive warranty of TWO years

for equipment and cabling system.

1. **Note**: The suitable internal cabled broadband connection tapping point will be provided by us.